

Module title		Abbreviation
Petrology		09-BFA2T2-102-m01
Module coordinator		Module offered by
holder of the Chair of Geodynamics and Geomaterials Research		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
<p>The course provides an insight into the formation and change of crystalline, i.e. igneous and metamorphic rocks, which make up a significant part of the modern Earth's crust and Earth's surface. Further, the connection between the rock formation (petrogenesis) and the geodynamical processes of the planet Earth, which change constantly, will be made. This includes an introduction to modern methods in order to quantify information, which are contained in rocks, about pressure, temperature and point of time of the rock formation. Next to theoretical considerations, practical observations on thin sections of rocks under the polarisation microscope will be of great importance.</p>		
Intended learning outcomes		
Students possess the basic knowledge of igneous and metamorphic Petrology.		
Courses (type, number of weekly contact hours, language – if other than German)		
V + Ü (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
written or oral examination of one candidate each or presentation (approx. 30 minutes each)		
Allocation of places		
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Additional information		
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Workload		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Geography (2010)		